PERFORMANCE OF BROILERS SUPPLEMENTED WITH PANSIT-PANSITAN (*Peperomia pellucida*) LEAF MEAL

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ABSTRACT

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The experiment was conducted at the Poultry Project of the Department of Animal Science, Cavite State University from February to March 2017 to evaluate the body weight, feed consumption, feed conversion efficiency and highest return on investment of the broilers supplemented with PPLM.

The experiment was laid out in a Completely Randomized Design (CRD) with the following treatment: T0 – pure commercial feeds, T1 – 5g PPLM per kilogram of feeds, T2 – 10g PPLM per kilogram of feeds, T3 – 15g of PPLM per kilogram of feeds. Each treatment was replicated three times with 8 birds per replicate.

There were slight differences, which prove the effect of *P. pellucida*, on the growth, feed consumption and feed conversion efficiency of the birds compared to the control.

Numerically, the higher the amount of leaf meal was, the higher the beneficial response of the bird to growth rate, feed consumed and feed conversion efficiency.

There were three (3) mortalities incurred during the whole rearing period. The mortality reported occurred on the first week upon arrival. It could be due to the sudden change of the weather that resulted to high brooding temperature causing the chicks to become dehydrated.

Furthermore, the total actual return (₱ 3,911.00) was highest in birds supplemented with Treatment 3 and the lowest (₱3,564.00) was recorded in the control group. The net income per bird was ₱ 71.95 for unsupplemented group, ₱ 74.32 for Treatment I; ₱ 76.45 for Treatment II; and ₱ 86.40 for Treatment III.

Results revealed that there is a corresponding increase in total revenue as supplementation of *P. pellucida* increases.

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